

Plus  
Search

09/928049

09928049\_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned

From A Search of 09928049 on June 07, 2004

27 455/326 (19 OR, 8 XR)  
Class 455 : TELECOMMUNICATIONS  
455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY  
CONVERTER  
455/313 .Frequency modifying or conversion  
455/323 ..Particular frequency conversion structure or  
circuitry  
455/325 ...Including distributed electrical parameter  
structure  
455/326 ....With balanced mixer

19 455/333 (5 OR, 14 XR)  
Class 455 : TELECOMMUNICATIONS  
455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY  
CONVERTER  
455/313 .Frequency modifying or conversion  
455/323 ..Particular frequency conversion structure or  
circuitry  
455/333 ...Transistor or integrated circuit

17 455/330 (3 OR, 14 XR)  
Class 455 : TELECOMMUNICATIONS  
455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY  
CONVERTER  
455/313 .Frequency modifying or conversion  
455/323 ..Particular frequency conversion structure or  
circuitry  
455/325 ...Including distributed electrical parameter  
structure  
455/330 ....With nonlinear impedance (e.g., diode)

13 333/26 (0 OR, 13 XR)  
Class 333 : WAVE TRANSMISSION LINES AND NETWORKS  
333/24R COUPLING NETWORKS  
333/25 .Balanced to unbalanced circuits  
333/26 ..Having long line elements

11 455/327 (8 OR, 3 XR)  
Class 455 : TELECOMMUNICATIONS  
455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY  
CONVERTER  
455/313 .Frequency modifying or conversion  
455/323 ..Particular frequency conversion structure or

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                                09928049_CLSTITLES
                                circuitry
455/325    ...Including distributed electrical parameter
                                structure
455/326    ....With balanced mixer
455/327    .....Stripline

7  327/113    (1 OR, 6 XR)
    Class 327 : MISCELLANEOUS ACTIVE ELECTRICAL NONLINEAR
                DEVICES, CIRCUITS, AND SYSTEMS
    327/100    SIGNAL CONVERTING, SHAPING, OR GENERATING
    327/113    .Frequency or repetition rate conversion or
                control

6  333/25    (1 OR, 5 XR)
    Class 333 : WAVE TRANSMISSION LINES AND NETWORKS
    333/24R    COUPLING NETWORKS
    333/25     .Balanced to unbalanced circuits

5  455/323    (2 OR, 3 XR)
    Class 455 : TELECOMMUNICATIONS
    455/130    RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY
                CONVERTER
    455/313    .Frequency modifying or conversion
    455/323    ..Particular frequency conversion structure or
                circuitry

4  333/119    (0 OR, 4 XR)
    Class 333 : WAVE TRANSMISSION LINES AND NETWORKS
    333/1      PLURAL CHANNEL SYSTEMS
    333/100    .Having branched circuits
    333/117    ..Including hybrid-type network
    333/118    ...Having lumped parameters or impedances
    333/119    ....Using transformer coil

4  455/318    (0 OR, 4 XR)
    Class 455 : TELECOMMUNICATIONS
    455/130    RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY
                CONVERTER
    455/313    .Frequency modifying or conversion
    455/318    ..With specified local oscillator structure or
                coupling

3  327/105    (1 OR, 2 XR)
    Class 327 : MISCELLANEOUS ACTIVE ELECTRICAL NONLINEAR
                DEVICES, CIRCUITS, AND SYSTEMS
    327/100    SIGNAL CONVERTING, SHAPING, OR GENERATING
    327/105    .Synthesizer

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- 3 327/355 (0 OR, 3 XR)
  - Class 327 : MISCELLANEOUS ACTIVE ELECTRICAL NONLINEAR DEVICES, CIRCUITS, AND SYSTEMS
  - 327/334 SPECIFIC INPUT TO OUTPUT FUNCTION
  - 327/355 .Combining of plural signals
- 2 327/116 (0 OR, 2 XR)
  - Class 327 : MISCELLANEOUS ACTIVE ELECTRICAL NONLINEAR DEVICES, CIRCUITS, AND SYSTEMS
  - 327/100 SIGNAL CONVERTING, SHAPING, OR GENERATING
  - 327/113 .Frequency or repetition rate conversion or control
  - 327/114 ..Of output rectangular waveform
  - 327/116 ...Frequency multiplication
- 2 330/277 (0 OR, 2 XR)
  - Class 330 : AMPLIFIERS
  - 330/250 WITH SEMICONDUCTOR AMPLIFYING DEVICE (E.G., TRANSISTOR)
  - 330/277 .Including field effect transistor
- 2 330/54 (1 OR, 1 XR)
  - Class 330 : AMPLIFIERS
  - 330/53 WITH DISTRIBUTED PARAMETER-TYPE COUPLING MEANS
  - 330/54 .Distributed amplifier
- 2 333/204 (1 OR, 1 XR)
  - Class 333 : WAVE TRANSMISSION LINES AND NETWORKS
  - 333/24R COUPLING NETWORKS
  - 333/202 .Wave filters including long line elements
  - 333/204 ..Stripline or microstrip
- 2 333/245 (0 OR, 2 XR)
  - Class 333 : WAVE TRANSMISSION LINES AND NETWORKS
  - 333/245 LONG LINE ELEMENTS AND COMPONENTS
- 2 333/24R (0 OR, 2 XR)
  - Class 333 : WAVE TRANSMISSION LINES AND NETWORKS
  - 333/24R COUPLING NETWORKS
- 2 455/317 (0 OR, 2 XR)
  - Class 455 : TELECOMMUNICATIONS
  - 455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY CONVERTER
  - 455/313 .Frequency modifying or conversion
  - 455/317 ..Unwanted oscillation or radiation prevention

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2  455/319      (0 OR, 2 XR)
      Class 455 : TELECOMMUNICATIONS
      455/130    RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY
                  CONVERTER
      455/313    .Frequency modifying or conversion
      455/318    ..With specified local oscillator structure or
                  coupling
      455/319    ...With particular coupling

2  455/325      (0 OR, 2 XR)
      Class 455 : TELECOMMUNICATIONS
      455/130    RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY
                  CONVERTER
      455/313    .Frequency modifying or conversion
      455/323    ..Particular frequency conversion structure or
                  circuitry
      455/325    ...Including distributed electrical parameter
                  structure

2  455/328      (1 OR, 1 XR)
      Class 455 : TELECOMMUNICATIONS
      455/130    RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY
                  CONVERTER
      455/313    .Frequency modifying or conversion
      455/323    ..Particular frequency conversion structure or
                  circuitry
      455/325    ...Including distributed electrical parameter
                  structure
      455/326    ....With balanced mixer
      455/328    .....Hollow waveguide

2  455/331      (0 OR, 2 XR)
      Class 455 : TELECOMMUNICATIONS
      455/130    RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY
                  CONVERTER
      455/313    .Frequency modifying or conversion
      455/323    ..Particular frequency conversion structure or
                  circuitry
      455/331    ...Crystal or electron tube diode

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able 1  
about 1  
abstract 2  
advantage 1  
all 2  
allow 1  
allows 1  
along 2  
also 1  
alternate 1  
alternately 1  
amount 3  
an 21  
and 29  
another 5  
any 2  
application 1  
applied 1  
appreciate 1  
are 9  
arm 1  
art 8  
as 6  
at 7  
attenuated 2  
away 1  
background 1  
balance 1  
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balun 17  
bandwidths 1  
based 1  
basic 1  
basis 1  
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been 2  
being 1  
belong 1  
better 1  
between 3  
both 2  
but 3  
by 5  
called 2  
can 3  
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capacitance 1  
capacitor 1

carrying 1  
categories 1  
cause 1  
causes 1  
central 2  
changing 1  
characteristics 1  
circuit 7  
circuits 2  
claimed 1  
claims 1  
class 6  
classification 1  
combination 1  
common 1  
commutated 1  
complex 1  
components 1  
conception 1  
conducting 1  
conduction 1  
configuration 1  
connected 2  
connection 1  
connections 1  
consists 2  
converts 1  
core 2  
corresponding 1  
coupled 16  
current 1  
cycle 1  
dbm 4  
decreases 1  
define 1  
degree 1  
described 1  
description 1  
design 3  
designed 1  
designing 1  
designs 1  
devices 1  
difference 2  
different 1  
diode 13  
diodes 12  
direction 1

disclosed 1  
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divided 1  
dl 2  
does 1  
double 20  
dr 3  
dri 1  
drive 4  
driven 2  
driving 1  
due 2  
during 2  
each 6  
eight 2  
elements 1  
ended 1  
essentially 1  
examination 1  
exhibit 1  
exists 1  
extend 1  
feature 4  
features 1  
feed 1  
ferrite 2  
field 1  
figure 5  
first 11  
flux 1  
follows 1  
for 6  
four 4  
frequency 25  
from 5  
further 3  
general 2  
generates 1  
ground 1  
half 3  
has 12  
have 5  
having 1  
herein 1  
high 7  
hybrid 2  
if 15  
ii 3

iii 1  
improved 2  
in 18  
includes 2  
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insensitive 1  
intended 2  
intermediate 10  
intermodulation 1  
into 1  
invention 12  
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is 47  
isolating 1  
isolation 12  
it 5  
its 1  
iv 1  
junction 1  
known 1  
large 3  
leakage 2  
level 2  
levels 1  
lf 1  
limiting 1  
limits 1  
line 1  
linearity 2  
lo 13  
local 14  
low 1  
many 1  
may 2  
measure 1  
measured 4  
methods 1  
mixer 41  
mixers 10  
mixing 3  
more 4  
most 1  
multiplying 1  
nature 1  
need 1



neither 2  
network 1  
node 2  
nominally 1  
non 2  
not 3  
now 2  
null 1  
object 1  
obtained 1  
of 47  
on 1  
one 3  
operable 4  
operating 1  
operation 3  
operational 1  
opposite 1  
or 8  
oscillator 14  
other 1  
out 2  
output 10  
over 5  
overlap 2  
overlapping 2  
pair 3  
pairs 3  
parallel 3  
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particularly 1  
path 1  
per 1  
phase 1  
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pointing 2  
poor 1  
port 19  
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precision 2  
present 1  
principle 1  
prior 7  
produces 1  
products 1  
provide 8  
provides 4  
purposes 1

quad 1  
radio 2  
range 9  
rate 1  
rather 1  
re 2  
readily 1  
receive 4  
referring 2  
relates 1  
rely 1  
require 1  
requires 1  
resides 1  
resistance 1  
resistive 1  
resistor 2  
response 1  
result 1  
reveals 1  
reversal 1  
rf 26  
ring 6  
rings 2  
same 1  
schottky 1  
scope 1  
se 1  
second 11  
seen 1  
series 3  
seriesconnected 1  
sets 2  
several 2  
shown 4  
signal 23  
similar 1  
since 1  
single 2  
skilled 1  
small 1  
star 1  
state 1  
stray 1  
strong 1  
structure 1  
structures 1  
sub 1

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sufficiently 1  
suited 1  
summary 1  
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switching 3  
systems 1  
termination 1  
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thereby 1  
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together 1  
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toward 1  
tracing 1  
transformer 1  
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transmission 2  
turning 1  
twice 1  
two 6  
type 6  
types 1  
typically 6  
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unmet 1  
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uses 5  
using 1  
utilized 1

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voltages 1  
way 1  
well 1  
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which 9  
while 1  
wide 4  
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will 2  
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Most Frequently Occurring Classifications of Patents Returned  
From A Search of 09928049 on June 07, 2004

Original Classifications

19	455/326
8	455/327
5	455/333
3	455/330
2	455/323

Cross-Reference Classifications

14	455/330
14	455/333
13	333/26
8	455/326
6	327/113
5	333/25
4	333/119
4	455/318
3	327/355
3	455/323
3	455/327
2	327/105
2	327/116
2	330/277
2	333/245
2	333/24R
2	455/317
2	455/319
2	455/325
2	455/331

Combined Classifications

27	455/326
19	455/333
17	455/330
13	333/26
11	455/327
7	327/113
6	333/25
5	455/323
4	333/119
4	455/318
3	327/105
3	327/355
2	327/116
2	330/277

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2 330/54  
2 333/204  
2 333/245  
2 333/24R  
2 455/317  
2 455/319  
2 455/325  
2 455/328  
2 455/331

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4359782 84

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PLUS Search Results for S/N 09928049, Searched June 07, 2004

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

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4359782

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(5774801 4430758 5428839 4823400 5303418 5361050 5513390 5553319 52806  
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